

COUNTY BOROUGH OF BRIGHTON.



Annual Report
 OF THE
MEDICAL OFFICER OF HEALTH
 AND
SCHOOL MEDICAL OFFICER
 FOR THE YEAR 1947.

RUTHERFORD CRAMB, M.B., Ch.B., D.P.H.

BRIGHTON :
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1948



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HEALTH DEPARTMENT,
BRIGHTON, 1.

June, 1948.

To the Chairman and Members of the Health Committee:

LADIES AND GENTLEMEN,

I have the honour to submit my Annual Report for the year ended December 31st, 1947, and like its predecessors it is abbreviated to meet present conditions, but contains essential details.

The general health conditions of the adult population were satisfactory and, with the exception of an increase in the number of cases of poliomyelitis affecting all age groups, the incidence of infectious disease was low. In the school age population the standard of health was good; no deaths occurred in any of the infectious conditions, and the fall in the number of scabies cases and verminous conditions, noted in last year's Report, continued. In a later part of this Report further details will be given of the effect of the nation-wide epidemic of poliomyelitis (infantile paralysis) on this locality.

Vital Statistics.

The mid-1947 population of the Borough, estimated by the Registrar-General, was 151,700, an increase of 5,740 on the 1946 population.

The following figures give the rates per 1,000, and for comparison (and throughout the Report) the corresponding figures for 1946 are given in brackets: Birth-rate 19·28 (19·09); Crude Death-rate 15·00 (14·25). The Maternal Mortality rate was 1·0 (0·7) and again there was no death from puerperal sepsis. Infantile Mortality rate 52 (42), the number of infant deaths being 153 (118): of these 18 were due to broncho-pneumonia, 23 to congenital malformations, 31 to premature birth, and 42 to enteritis and diarrhoea. The Birth-rate of 19·28 is the highest since 1920, when it was 22·28.

The number of births was 2,925 (2,787), of which 215 (278) were illegitimate.

Notifiable Diseases.

The epidemic of poliomyelitis which affected all parts of the country during the summer and autumn quarters of the year was a cause for grave anxiety, especially so in a town of this nature where during the season hundreds of thousands of visitors arrived, many from heavily infected areas, and potential "carriers." Nevertheless the number of cases notified, as occurring in the town, totalled 29 (3), with 2 deaths in patients over school age. No deaths occurred in the 12 cases of school age.

The number of diphtheria notifications was 37 (97) with one death in a child aged 2, not immunized. Measles cases, known to the Department, numbered 1,110 (516); scarlet fever notifications 181 (117), whooping cough 164 (530). There were no deaths in these three diseases. In the enteric group there were 2 (1) cases, and for cerebro-spinal fever there were 19 (14) notifications, with 2 deaths.

Tuberculosis.

The fall in the number of new cases mentioned last year continued, there being 168 new cases during 1947 as compared with 214 in 1946. Of these, 145 (163) were pulmonary in type and 23 (51) non-pulmonary. The number of deaths, from all forms, was 88 (91). With the appointment of an Assistant Tuberculosis Officer in July more work was able to be undertaken at the Chest Clinic, thus the number of refills for artificial pneumothorax numbered 2,519 (2,164), X-Rays numbered 2,191 (1,662), and screenings 1,722 (1,431) and clinic sessions were able to be held every day.

Maternity and Child Welfare.

With the increased birth rate, more attendances at the Centres were made than in previous years, 2,681 (2,348) mothers made 20,611 (16,373) attendances ; the number of infants under a year old brought to the Centres was 2,283 (2,108), making 18,411 (15,499) attendances.

Venereal Diseases.

There are signs that the incidence of these diseases is on the fall, the number of new Brighton cases, for all conditions, was : males 145, females 64, compared with 190 and 111 for the previous year, and this was also the case with the numbers attending from areas outside Brighton.

Housing.

During the year the Corporation completed 230 permanent houses and 116 temporary houses ; this number of permanent houses is a considerable advance on the figure of 44 for 1946. Private builders completed 183 dwellings and converted 31 houses into 111 flats : in 1946 the corresponding figures were 69 dwellings and 109 flats.

Water Supply.

The bacteriological examination of samples from all the wells taken frequently throughout the year shewed that the water continues to be of a high standard of purity.

National Health Service Act, 1946.

The passing of this great Act in November, 1946, to come into force on 5th July, 1948, creates an epoch in our national life, for it provides a comprehensive Health Service designed to improve the physical and mental health of our people. In brief the Act has made provision for the Ministry taking over the responsibility of the Hospital Services throughout the country, the setting up of a General Practitioner Service, much wider in its scope than the National Health Insurance Service, and extending greatly the Health Services provided by the Local Authority. Thus, although the Health Committee will be relieved of the administration of its hospitals, they will be responsible for making provision for (a) Vaccination, (b) Immunization, (c) Home Nursing, (d) Health Visiting, (e) Midwifery, (f) Prevention of Illness, and Care and After-care, (g) Care of Mothers and Young Children, (h) Ambulance Service, (i) Domestic Help, (j) Health Centres. They will also be responsible for the Mental Health Service, which entails the duties falling under the Lunacy and Mental Treatment and Mental Deficiency Acts, removing this category of ill-health from the previous administration by the Social Welfare and Mental Deficiency Committees.

Much of the work mentioned in the various sections above has already been carried out by major Local Authorities, but the Act requires an expansion of the services and envisages a greater use of them being made by the people who are now entitled to them.

It cannot be expected that the full implementation of all the provisions of the Act will work with complete smoothness immediately following the "appointed day," but with co-operation, co-ordination, and tact from all concerned in their various spheres there should be no reason for a greater health service to the community eventually developing, and to that aim we must direct our energy and enthusiasm.

In conclusion I have again to record my appreciation of the valuable and efficient assistance I have received from the members of the different sections of the Department, and I am indebted to the Town Clerk and his staff, and to the Chiefs of the other Corporation Departments, for their assistance, always willingly rendered.

I am, Ladies and Gentlemen,

Yours obediently,

RUTHERFORD CRAMB,
Medical Officer of Health.

INDEX.

	PAGE
Statistical	6
Notification of Diseases	7
INFECTIOUS DISEASES	8-9
Domestic Help Scheme	9
Sanatorium (admissions and discharges)	10
Municipal Laboratory (tabular statement of work)	10
Hospital Accommodation (voluntary and municipal)	11
TUBERCULOSIS	12-14
Orthopaedic Scheme	15
MATERNITY AND CHILD WELFARE	15-17
Child Life Protection	17
Contraceptive Clinic	17
VENEREAL DISEASE	18-19
SANITARY ADMINISTRATION	20-21
HOUSING	21-22
FACTORIES, WORKSHOPS, AND SHOPS	22-23
FOOD, ETC.	23-26
TABLE shewing deaths from stated causes under one year of age	27

(Report on School Medical work follows page 27)

MEMBERS OF COMMITTEES ON 31st DECEMBER, 1947.

Health Committee :

Chairman : COUNCILLOR Miss D. E. STRINGER.

HIS WORSHIP THE MAYOR	COUNCILLOR W. G. DUDENEY.
(COUNCILLOR P. F. FRIEND-JAMES,	„ MRS. V. G. HARMER.
O.B.E., J.P.)	„ W. D. HOOKER.
ALDERMAN J. H. BASSETT.	„ A. A. ILLMAN.
„ Miss M. HARDY, M.B.E., J.P.	„ Miss E. M. SHORT.
„ H. HONE.	Mr. R. C. BRENNAN.
„ R. MAJOR.	Mr. H. E. J. DREW.
„ J. TALBOT NANSON.	Dr. C. B. HINKLEY.
COUNCILLOR Mrs. A. H. BEVIS.	Miss E. HYSLOP.
„ A. W. BRIGGS.	Dr. T. A. MORRISON.
„ S. DAVEY.	Mr. T. REES MORGAN.

Children's Care Sub-Committee :

Chairman : COUNCILLOR W. H. G. BUTTON.

HIS WORSHIP THE MAYOR	COUNCILLOR PUGH.
(COUNCILLOR FRIEND-JAMES).	„ ROBBINS.
THE CHAIRMAN OF THE EDUCATION	„ Miss SHORT.
COMMITTEE (COUNCILLOR LEAK).	„ Miss STRINGER.
ALDERMAN Miss HARDY.	Mrs. A. G. BECKETT.
COUNCILLOR DOWNS.	Mr. F. DAY.
„ Mrs. HIDER.	Mr. E. W. R. EDE.
„ KIPPIN.	Mr. G. T. HEAD.
„ LANGLEY.	Miss M. JACKSON.
„ Mrs. EAST	Mr. A. J. SADLER.

Blind Persons Act Sub-Committee :

Chairman : COUNCILLOR Miss SHORT.

HIS WORSHIP THE MAYOR	COUNCILLOR Mrs. HARMER.
(COUNCILLOR FRIEND-JAMES).	„ Miss STRINGER.
ALDERMAN Miss HARDY.	Mrs. CURTIS-WILLSON.
COUNCILLOR Mrs. BEVIS.	Miss J. MANNALL.
„ BRIGGS.	Mrs. D. G. VOLLER.
„ DUDENEY.	

Municipal Hospital Services Sub-Committee :

Chairman : COUNCILLOR DUDENEY.

HIS WORSHIP THE MAYOR	COUNCILLOR Mrs. BEVIS.
(COUNCILLOR FRIEND-JAMES).	„ BRIGGS.
ALDERMAN BASSETT.	„ DAVEY.
„ Miss HARDY.	„ Mrs. HARMER.
„ HONE.	„ ILLMAN.
„ TALBOT NANSON.	„ Miss STRINGER.

PUBLIC HEALTH OFFICERS

RUTHERFORD CRAMB, M.B., Ch.B., D.P.H., Medical Officer of Health.
 JOHN N. MATTHEWS, L.R.C.P., M.R.C.S., D.P.H., Deputy Med. Off. of Health.
 G. H. C. WALMSLEY, M.B., Ch.B., D.P.H., Tuberculosis Officer.
 Miss M. F. BIGNOLD, M.B., Ch.B., Medical Officer Maternity and Child Welfare.
 Miss M. F. BROWNLIE, M.B., Ch.B., D.P.H., Assistant Tuberculosis Officer.
 F. LINDSAY WOODS, B.A., M.B., B.C., D.P.H., Medical Officer, V.D. Clinic (part time).
 L. H. H. MAY, M.A., M.B., B.Ch., Assistant Medical Officer V.D. Clinic (part time).
 R. F. WRIGHT, B.Sc., A.R.C.S., F.I.C., Public Analyst (part time).
 S. GOURLEY, M.R.C.V.S., Veterinary Officer (part time).

Municipal Hospital Services.

S. J. FIRTH, M.D., M.R.C.S., D.P.H., Medical Director.
 A. G. B. FENWICK, L.M.S.S.A., Sen. Asst. Med. Off.
 K. W. POWELL, M.B., B.S., F.R.C.S. (Eng.), Res. Surgeon.
 J. E. TREMLETT, M.B., Ch.B., Res. Physician.
 R. J. EADIE, M.B., Ch.B., M.R.C.O.G., Res. Obstetrician and Gynaecologist.
 H. G. PAGE, O.B.E., M.B., Ch.B., F.R.C.S. (Edin.), M.R.C.O.G., Res. Obstetrician and Gynaecologist.
 M. E. SAMRAH, M.B., B.S., M.R.C.S., Assistant Medical Officer.
 L. R. JANES, M.B., B.Ch., M.R.C.S., Pathologist (part time).
 B. A. HOLMES-SIEDLE, L.D.S., R.C.S., Dental Surgeon (part time).
 Miss L. LENNHOF, L.R.C.P., F.R.F.P.S., Sen. Res. Med. Off., Sanatorium.
 W. S. WILSON, M.B., Ch.B., D.P.H., Asst. Res. Med. Off., Sanatorium.
 E. V. OULTON, M.B., B.Ch., D.O.M.S., Ophthalmic Surgeon.
 C. GUY WHORLOW, L.R.C.P., M.R.C.S., D.M.R.E., Radiologist.
 G. A. FRASER, M.B., Ch.B., D.L.O., Aural Surgeon.
 W. McCARTAN, M.D., M.R.C.P., D.P.H., D.P.M., Psychiatrist.
 W. A. BOURNE, M.A., M.D., F.R.C.P., M.R.C.S., Physician.
 P. I. HUNT, Steward, Hospital Services.
 Miss J. LOVE, Matron, Municipal Hospital.
 Miss M. A. BENNETT, Matron, Sanatorium and Infectious Diseases Hospital.

} Consultants.

Public Vaccinators.

W. T. WILLIAMSON, M.R.C.S., L.R.C.P. G. GARLAND, M.R.C.S., L.R.C.P.

District Poor Law Medical Officers.

D. L. BROWN, M.B., Ch.B. T. A. MORRISON, M.B., Ch.B.
 G. GARLAND, M.R.C.S., L.R.C.P. J. C. BRENNAN, M.B., B.Ch.

Sanitary Inspectorate.

R. S. CROSS,* Chief Sanitary Inspector.
 R. W. GRUTCHFIELD,* Chief Clerk, Public Health Department.
 H. G. GIBSON,* Deputy Chief Sanitary Inspector.
 F. D. TAYLOR,* Superintendent of Public Abattoir.
 A. J. MORTIMER,* R. L. SCOTOW,* Infectious Diseases Inspectors.
 A. J. TAYLOR,* G. V. MARTIN,* J. C. FEARON,* K. McINTYRE,* E. N. JONES,*
 A. H. BASFORD,* Miss H. M. NIXON,* K. W. GREENWOOD,* E. L. ALLSOP,
 District Inspectors.

Health Visitors and Infant Life Protection Officers.

Misses WHYTE, HAYES, EDDY,† GOLDSMITH, LANE, MAYNARD, COLLARD.
 Miss E. I. COLE, Tuberculosis Visitor.
 MRS. A. L. B. BEARD, Miss M. GREENHILL, Miss E. C. BLACKMORE, Municipal Midwives.

* Holds Food Inspector's Certificate of Royal Sanitary Institute.

† Also part-time Tuberculosis Visitor.

STATISTICAL

Civilian population, mid-1947—151,700.*

Area—12,565 acres.

Number of inhabited houses Dec. 1947 (Rate Books), 41,200.

Rateable Value—£1,971,416. Penny rate=£7,690.

Marriages, 1,548. Rate per 1,000 population, 10·20

Live Births, 2,925. { legitimate, 2,710 ; illegitimate, 215.
(Males, 1,506 ; Females, 1,419) { Birth rate, 19·28 per 1,000 population.
(Inward and outward transfers are allowed for in above figures.)

Still Births, 75. Males 37, females 38 ; rate per 1,000 (live and still) births, 25.

Deaths, 2,275. Crude Death Rate, 15·00 per 1,000 population.

(Inward and outward transfers are allowed for except that deaths of evacuated persons have been assigned to area of temporary residence.)

		Sepsis.	Others.	Total.
Childbirth deaths ...	{ Actual Number ...	—	3	3
	{ Rate per 1,000 adjusted			
	{ (live and still) births ...	—	1·0	1·0

		Legitimate.	Illegitimate.	Total.
Deaths of Infants ...	{ Actual Number ...	133	20	153
	{ Rate per 1,000 adjusted			
	{ live births ...	49	93	52

Deaths from Cancer, 339. Measles, —. Whooping Cough, —. Diarrhoea (under 2), 44.

A.—Deaths in Brighton Hospitals :—

			Classified as Residents	Civilian Non-residents.
Royal Sussex County Hospital ...	...	...	128	152
Royal Alexandra Hospital ...	...	...	73	120
Throat and Ear Hospital ...	...	...	1	3
Sussex Eye Hospital ...	...	...	1	2
Sussex Maternity Hospital ...	...	...	8	15
New Sussex Hospital for Women ...	...	...	9	19
Sanatorium {	Pulmonary Tubercle ...	...	16	7
	Other Tubercle ...	...	1	—
	Other Diseases ...	...	22	8
Brighton Municipal Hospital ...	...	...	513	14
Elm Grove Home ...	...	...	123	6

B.—Deaths of residents (other than those evacuated) in outside Institutions :—

Brighton County Borough Mental Hospital ...	...	...	36
Other Mental Hospitals ...	...	...	6
Other Hospitals and Institutions ...	...	...	35

Total deaths (classified as residents) in Institutions, 972 or 43 per cent.

Transferable Deaths } Residents (except those evacuated) dying away from Brighton, 111.
in Private Houses } Deaths of Visitors to Brighton, 96.
and Nursing Homes }

*Registrar General's estimated figure.

Diseases Notified during the Year 1947.

NOTIFIABLE DISEASE.	At all Ages.	Age Incidence.									No. Removed to Isolation Hospital.	No. of Deaths		
		Under 1.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 25.	25 to 35.	35 to 45.	45 to 55.			55 to 65.	65 and upwards.
Small Pox	37	—	7	9	11	5	2	1	1	—	1	—	37	1
Diphtheria	181	1	25	53	56	23	2	9	8	4	—	—	39	—
Scarlet Fever	2	—	—	1	—	—	1	1	—	—	—	—	—	—
Enteric group	33	2	2	—	—	—	1	3	4	6	6	5	—	—
Erysipelas	42	—	—	—	—	3	12	20	7	—	—	—	17	—
Puerperal Pyrexia	19	2	4	5	3	1	2	1	1	—	1	—	13	—
Cerebro-Spinal Fever	29	—	4	4	8	2	5	4	1	—	—	—	25	2
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Polio-Encephalitis	13	13	—	—	—	—	—	—	—	—	—	—	4	—
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria	2	—	1	—	—	—	—	1	—	—	—	—	2	—
Dysentery	274	100	68	37	18	2	1	6	12	7	9	14	—	—
Pneumonia	See	page	12	—	—	—	—	—	—	—	1	—	—	—
Tuberculosis	2	—	1	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	1110	35	526	460	47	16	10	12	4	—	—	—	84	1
Measles	164	17	96	46	3	1	—	—	—	—	—	—	16	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Diphtheria—The number of children immunized during the year was 1,885, as follows : under the age of 5 years, 1,687 ; between the ages of 5 and 15 years, 198. In addition, 80 children received one injection but did not complete the course. Up to 31st May (when the practice of Schick testing children was discontinued), 468 were Schick tested after immunization ; of these 8 gave positive results and 6 received further injections. 83 of the total tested did not attend for the result to be ascertained. From 1st June reinforcing doses were given to 53 children under the age of 5 years and to 1,083 children between the ages of 5 and 15 years.

The parents of all children are circularized when the child is nine months old. The Health Visitors visit those cases not immunized (1) when about 11 months old and (2) between the ages of 13 and 15 months. Lists are prepared, from the Health Visitors' Record Cards, of children 12 months old who have not been immunized ; these are reviewed at three monthly intervals and the lists are kept up to date.

A session is held at the School Clinic once a week at which children of all ages can be immunized. In addition, children are immunized at three outlying Infant Welfare Centres after the Infant Welfare session.

All diphtheria immunization records are kept at the Maternity and Child Welfare Department.

Of the 37 notified cases of the disease, 7 were under 5 years of age, 20 between 5 and 15 years, and 10 of 15 years and over. One death occurred in a child under school age who had not been immunized. Of those under 5 years, 4 had completed a full course of immunization ; of those between 5 and 15 years, 16 had completed a full course of immunization ; of those over 15 years, 2 had completed a full course.

Anterior Poliomyelitis (Infantile Paralysis)—In the widespread epidemic of this disease last year, 29 cases were notified in the Borough. This was an unprecedented number, but considering the size of the resident population, increased greatly as it was during the holiday season by visitors. many from seriously affected areas, it is surprising the number here was not greater.

Of the 29 notified cases, 25 were admitted to the Infectious Diseases Hospital, whilst 4 of a very mild form in adults were nursed at home. Under 15 years of age there were 16 cases, over 15 there were 13. The youngest patient was $2\frac{1}{2}$ years old, the oldest 55.

The first case occurred in February ; there were no further cases till 2 were notified in May ; then June, 2 ; July, 7 ; August, 3 ; September, 6 ; October, 4 ; November, 1 ; December, 3.

The incidence in the age groups was : Under 1 year, none ; 1-5 years, 4 ; 5-10 years, 4 ; 10-15, 8 ; 15-20, 2 ; 20-25, 5 ; 25-35, 4 ; 35-45, 1 ; 44-55, none ; 55-65, 1.

In the 25 cases admitted to hospital, 5 aborted, 3 were discharged with no resulting disability, 10 discharged with slight paralysis, and 5 with severe paralysis. Two deaths occurred, 1 male aged 23, 1 female aged 42.

Between July and the end of December, 35 cases were admitted to the Infectious Diseases Hospital from areas in the County, in ages ranging from 15 months up to 42 years. Of these 4 died ; the ages were 15, 29, 39, and 42 years.

Scarlet Fever—Of a total of 181 patients notified, 39, or 22%, were removed to hospital ; there were no return cases. Sixty-four, or 35%, of the total cases, occurred over a period of three weeks in a large boarding school.

Measles—The total number of cases notified by doctors was 1,110. The total number known to the Department was 1,368. There were no deaths.

Whooping Cough—There were 274 known cases in 242 houses. Of these cases 164 were notified by doctors. There were no deaths.

Scabies and Verminous Cases—94 cases of scabies were treated at the Municipal Hospital and 233 children with this complaint were treated at the School Clinic. At the Elm Grove Home, 37 verminous cases were admitted and detained for treatment.

Home Nursing—Four visits were made by the Queen's Nurses to 1 case of whooping cough, and 132 visits were made to 15 cases of measles.

Domestic Help Scheme—During the year more than 300 applications for assistance were received, and of these 221, of whom 53 were confinement cases, were found eligible to receive the services of a helper ; the remainder either had relatives or other persons available or no medical reasons for help existed. Applicants are assessed as to contributions towards cost on a fixed scale, and acute cases normally receive priority over chronics, although 55 of the cases helped were invalid old-age pensioners from whom no contributions were required. At the end of the year there were 7 full-time and 9 part-time helpers.

THE SANATORIUM.

Patients	Number of Patients suffering from the following Diseases :—																
	Diphtheria (including carriers).	Scarlet Fever.	Enteric group.	Erysipelas.	Puerperal Pyrexia.	Cerebro-Spinal Fever.	Encephalitis Lethargica	Ophthalmia Neonatorum.	Measles and Ger- man Measles.	Chicken Pox.	Whooping Cough.	Pulmonary Tuberculosis.	Orthopaedic Cases.			Other Diseases.	Total.
													Tuberculosis.	Infantile Paralysis.	Others.		
Remaining December 31st, 1946	15	8	—	1	2	1	—	—	1	—	4	66	5	—	—	2	105
Admitted in 1947	45	61	1	8	23	16	1	5	99	6	21	123	1	64	1	165	640
Total number treated 1947 ...	60	69	1	9	25	17	1	5	100	6	25	189	6	64	1	167	745
Discharged in 1947	57	66	1	8	25	15	1	5	99	3	20	100	3	50	1	149	603
Died in 1947 ...	1	—	—	—	—	2	—	—	—	2	—	24	1	6	—	16	52
Remaining December 31st, 1947	2	3	—	1	—	—	—	—	1	1	5	65	2	8	—	2	90
Total Weeks ...	317	248	4	30	38	93	2	18	192	11	78	3508	170	234	5	301	5249
Average stay in weeks	5	4	4	3	2	5	2	4	2	2	3	18	28	4	5	2	7

Of the admissions, 2 cases of measles or german measles and 7 of other diseases occurred in the Sanatorium Staff; 4 cases of diphtheria, 3 of scarlet fever, 4 of cerebro-spinal fever, 6 of measles or german measles, 6 of pulmonary tuberculosis, 1 of infantile paralysis, and 6 of other diseases were Service cases.

Five civilians suffering from diphtheria, 14 from scarlet fever, 2 from erysipelas, 11 from puerperal pyrexia, 1 from cerebro-spinal fever, 1 from encephalitis lethargica, 1 from ophthalmia neonatorum, 7 from measles or german measles, 5 from whooping cough, 11 from pulmonary tuberculosis, 34 from infantile paralysis, and 29 from other diseases were admitted from districts outside Brighton.

LABORATORY REPORT.

Swabs (Diphtheria)	Positive.	Negative.	No Growth.		Total.
			Throat	Nose	
Medical Officer of Health,					
General Practitioners, etc.	71	1736			1870
Sanatorium	123	1017			1140
Swabs (Organisms)	Throat	Nose	Ear	Eye	
Municipal Hospital and Sanatorium	374	141	52	45	612
Others	700	110	23	17	850
Sputa (Tuberculosis)		Positive	Negative		
General Practitioners, etc.		33	471		504
Clinic and Sanatorium		316	1173		1489
Sputa (Malignant Cells or Organisms)					
Municipal Hospital and Sanatorium					171
Cerebrospinal Fluid	Bacteriological	Biochemical	Cytological		
... ..	123	123	123		369
Blood Specimens, Widal's Reaction*			Positive	Negative	
Municipal Hospital and Sanatorium			2	10	12
Others			—	2	2
Blood Counts					
Municipal Hospital and Sanatorium					77
Specimens from Puerperal Pyrexia Cases	Staph.	Haem.	Strep.	B. Coli	
Cervical swabs	14		3	1	18
Miscellaneous Examinations					
(Faeces, urine, hairs for tinea, etc.)					952
Bacteriological Examinations of Sources of Water Supply:					
Falmer, 26; Goldstone, 26; Mile Oak, 26; Patcham, 27; Shoreham, —; Balsdean, 26					131
Total number of examinations for year					8197

*Includes bacillus typhosus, Para A, B, the bacillus abortus and B. aertrycke.

POOR LAW OUT-RELIEF.

The amount of out-relief administered for the year in the County Borough was £58,900.

HOSPITAL ACCOMMODATION.

Name of Hospital.	NUMBER OF BEDS.				No. of In-patients treated in 1947.	OUT-PATIENTS, 1947.	
	Surgical	Medical	Gynaecological.	Total		No. of patients	No. of Attendances (excluding V.D. patients, see p. 18)
(a) Voluntary	M. F.	M. F.					
Royal Sussex County Hospital ...	111 87	52 43	17	310	4992	27121	179528
Royal Alexandra Hospital (for children) ...	18 18 Infants either sex 42 Isolation 6	18 18	—	120	2156	3587	25979
New Sussex Hospital for Women ...	34 Private Wards (S.&M.) 12 Convalescent (S.&M.) 9	17	—	72	1097	2735	12691
Sussex Eye Hospital	10 10 Children (S. & M.) 6 Private Wards (S.&M.) 10	10 10	—	56	888	8462	28986
Throat and Ear Hospital ...	32	—	—	32	1431	2935	5684
*Sussex Maternity Hospital (excluding Hove Branch) ...	50 Maternity 3 Isolation in use		—	53	1148	1211	12367
(b) Municipal							
§The Municipal Hospital ...	Men 215 Emergency 130	Women 260	Children 40	515	4496	3452	14906
†The Fever Hospital ...		170		170	741	—	—
The Smallpox Hospital ...	Derequisitioned in derelict condition in May, 1946. Ruins of structure have been demolished and site cleared.						

* Beds reserved for Brighton midwifery patients.

† Sanatorium included in Fever Hospital, 80 beds being reserved for tuberculosis of all forms.

§ This hospital was extended in 1939, on the outbreak of war, by the inclusion of Elm Grove Home.

TUBERCULOSIS.

The tables below give statistics of Tuberculosis for 1947.

	Number of deaths.	Rate per 100,000.	Number of new cases:	New cases per 100,000 of population.	Number of re-notifi- cations.
Pulmonary Tuberculosis	77	50·76	145	95·58	6
Other forms Tuberculosis	11	7·25	23	15·16	1
All forms Tuberculosis	88	58·01	168	110·74	7

The following table gives the number of new cases notified and deaths from all forms of the disease during 1947 in the different age periods :—

Age Periods.					New Cases				Deaths			
					Pulmonary		Other		Pulmonary		Other	
					M.	F.	M.	F.	M.	F.	M.	F.
0- 1	...	...	...	...	2	—	—	—	—	—	—	—
1- 4	...	...	...	...	1	1	3	3	—	—	—	1
5- 9	...	...	...	...	3	—	2	1	—	—	1	1
10-14	...	...	...	...	3	1	1	3	—	—	—	—
15-19	...	...	...	...	3	4	1	1	1	1	1	—
20-24	...	...	...	...	13	11	1	2	2	1	—	—
25-34	...	...	...	...	17	15	—	2	5	8	1	—
35-44	...	...	...	...	21	9	1	—	11	3	—	—
45-54	...	...	...	...	14	8	—	—	11	6	—	1
55-64	...	...	...	...	13	—	—	2	12	1	1	1
65 and upwards	...	...	...	...	6	—	—	—	11	4	1	2
Totals	...	...	...	...	96	49	9	14	53	24	5	6

Forty-five of the total of 88 deaths occurred in hospitals, of which 18 were in the Municipal Hospital and 18 in the Sanatorium. In the case of 3 deaths the patients had not been notified during life ; the ratio of non-notified tuberculosis deaths to total tuberculosis deaths was therefore 3 to 88. When a non-notified case is brought to notice, an investigation is made to discover why the case was not known to the Department. Usually the case was either thought to have been notified earlier, or the patient had not sought treatment.

No action was found to be necessary under the Tuberculosis Regulations of 1925, or under Section 172 of the Public Health Act, 1936.

Since April, 1943, a scheme of interchange of patients between the Brighton Borough Sanatorium and the East Sussex County Council Sanatorium at Darvell Hall, Robertsbridge, has been in operation and found very valuable. The Scheme provides for an interchange of beds up to six in number, and during the year 12 Brighton patients were treated at Darvell Hall, and 18 East Sussex patients at Brighton Sanatorium.

DENTAL TREATMENT

During the year 50 visits were made by the School Dental Surgeons to the Sanatorium and 10 attendances were made by 6 patients to the Dental Clinic. The following work was carried out : Extractions, 78 ; fillings, 12 ; scalings, 84 ; other operations, 131 ; dentures, complete 3, partial 4, repair 3.

MUNICIPAL CHEST CLINIC.

Some particulars of the work carried out at the Clinic during the year.

(Figures in brackets are those for 1946.)

Examinations by the Tuberculosis Officer :—

New cases examined	...	...	...	...	1170	(1096)
Old cases re-examined	...	...	...	...	2197	(1914)
X-ray examinations	...	...	...	...	2191	(1662)
Screenings only	...	...	...	...	1722	(1431)
Larynx examinations	...	...	...	...	3	(12)
Tuberculin Jelly and Mantoux Tests	...	...	...	...	251	
Crisalbine injections	...	...	...	...	99	(18)

Treatment by Artificial Pneumothorax.

The aim of this treatment is to rest the affected part of the lung, and, in suitable cases, it has proved to be of real and lasting benefit. It involves repeated refills over a prolonged period. 2,519 (2,164) refills were given at the Clinic.

Of the 102 out-patients at present attending for this treatment, 43 are at work and maintaining themselves, 20 are working as housewives, 26 are unfit for work, and 13 are pensioners.

Contact Clinic.

This Clinic is held weekly for the examination of contacts, and contacts of all patients are invited to attend. An X-Ray is taken of each, and a skin test performed on every child. 274 contacts were X-Rayed during the year ; 10 contacts were found to need treatment. 146 are being kept under observation, and the remainder were informed that although their condition was satisfactory they could at any time ask for a further appointment. 314 persons attended the Clinic either as new cases or for routine X-Ray.

X-Ray Examination at Sanatorium.

Chest X-Rays taken :

In-patients, 522 ; Out-patients, 6 ; Staff, 30. Screenings, 215.

Total X-Ray and Screening examinations, 773 (814).

Thoracic Surgery.

Under this scheme, Mr. A. H. M. Siddons, F.R.C.S., made 4 visits to the Sanatorium in January, June, October, and December ; operations have also been performed at the Brighton Municipal Hospital.

During the year the following were performed : Thoracoplasty operations, 12 stages ; phrenic nerve operations, 35 ; thoracoscopy and division of adhesions, 22.

In addition 3 patients were transferred to Hill End Hospital, St. Albans, for division of adhesions and major surgical procedures.

Throat Clinic.

This Clinic is held at the Sanatorium every month. In addition to in-patients, 3 out-patients were seen.

AFTER CARE.

Home Nursing by Queen's Nurses :—

1,403 visits were made to 42 pulmonary tuberculosis patients.

625 visits were made to 10 non-pulmonary tuberculosis patients.

Total, 2,028 visits to 52 patients.

Home Visits by Health Visitors :—

Primary visits	156
----------------	-----	-----	-----	-----	-----	-----

Re-visits	911
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Special visits	167
----------------	-----	-----	-----	-----	-----	-----

Total, 1,234 visits.

The two bedsteads and bedding purchased from the Hedgcock Bequest and one open-air shelter remained in use.

Cartons of cod-liver-oil and malt (1lb. size) were distributed to the number of 437 and costing £27, of which £7/7/7 was recovered from patients.

Patients frequently ask for help in obtaining more satisfactory housing accommodation. In spite of the difficulties in the provision of such accommodation, the Housing Department has always been extremely helpful, and many patients have been satisfactorily rehoused.

Assistance from the Hedgcock Bequest.

	£	s.	d.
Milk	163	2	8
Assistance towards cost of convalescent treatment ..	115	10	0
Assistance towards cost of living	86	7	6
Assistance towards cost of special treatment ..	58	4	1
Assistance towards cost of boarding out child ..	12	10	0
Pocket money for patient in Sanatorium	2	0	0
Cost of sheets for separate bed	1	6	11
Assistance towards cost of home help		12	0
Assistance towards cost of studies	14	0	0
Fares of relatives to visit patients away from Brighton	5	7	0
	<hr/> £459 0 2 <hr/>		

Allowances under Memo. 266/T.

The examination and assessment of applications continued to be carried out under the direction of the Tuberculosis Officer. During the year maintenance allowances were granted to 64 (46) new patients, of whom 32 in addition are in receipt of discretionary allowances; 4 patients receive a special allowance. The total amount expended in allowances during the year was £6,453 (£3,946).

ORTHOPAEDIC SCHEME.

	Attendances at Clinic.			Treatment in Orthopaedic Hospitals.	
	For treatment.	To see Surgeon.	For observation.	No. of patients.	No. of weeks spent in hospital.
Tuberculosis cases ...	74	70	36	3	37
Infant Welfare cases	852	100	79	5	53
Education Committee cases ...	6987	338	475	18	138
Others ...	197	64	18	3	36
TOTAL ...	8110	572	608	29	264

(Also see the School Medical Report attached.)

MATERNITY AND CHILD WELFARE.

The total net live births registered numbered 2,925 (2,787), of which 1,506 were males and 1,419 females. Included in the total are 215 illegitimate births. The infant mortality was 52 per thousand.

MIDWIFERY.

Domiciliary.—Three municipal midwives are employed. They attended 147 midwifery and 43 maternity cases. There were 3 midwives in private practice; they attended 8 midwifery and 1 maternity case. 6 midwives employed by 3 outlying nursing associations attended 75 midwifery and 29 maternity cases. The Sussex Maternity Hospital employed 7 midwives for district work in Brighton; they attended 568 cases.

Medical help was called in on 248 occasions, of which 79 were on account of the infants' condition; 36 other notifications were made by midwives. £51/3/6 was paid by the Council to doctors called in on 30 occasions during the year. A sum of £33/13/0 was recovered from these and some patients in the previous year.

Hospital.—The Municipal Hospital employed 13 midwives; the number of beds is 46; the cases numbered 1,435. The Albion Hill Homes employed 3 midwives; the cases numbered 30. The Sussex Maternity Hospital employed 15 midwives; the number of beds is 51; the cases numbered 1,148, of whom 488 were from Brighton. 133 of them were admitted under an agreement for which the Council paid the hospital 18/- a day; the total cost was £1,904/-/-, of which £829/4/6 was recovered from patients and the Sussex Provident Scheme. Of these 133 cases, 115 were abnormal and 18 were admitted on account of unsuitable housing conditions.

Thirty pupil midwives attached to the Sussex Maternity Hospital obtained the Certificate of the Central Midwives Board and 30 pupils of the Brighton Municipal Hospital obtained the Certificate for Part I. of the Central Midwives' Board Examination.

ANTE-NATAL AND POST-NATAL CLINICS.

At the Municipal Clinic, 211 ante-natal cases made 816 attendances and 13 post-natal cases were seen. In addition, 21 ante-natal cases attended who subsequently were transferred to the clinics at the hospitals and are included below.

At the Municipal Hospital, 1,413 ante-natal and 989 post-natal cases attended.

At the Sussex Maternity Hospital, 497 Brighton ante-natal and 448 post-natal cases attended.

HOME VISITS.

Of infants born during 1947 there were visited	...	...	...	2957
Average number of visits paid to each infant	...	...	...	4
No. of children of ages 1—5 visited	...	...	...	4,832
Total inquiries <i>re</i> children 1—5	...	...	...	9,975
No. of expectant mothers visited	...	...	...	175
Visits for investigation <i>re</i> cause of stillbirths	...	...	...	94
Visits for investigation <i>re</i> premature deaths	...	...	...	51
Visits in connection with vaccination	...	...	...	700
Other visits	...	...	...	807
Total visits paid by Health Visitors during the year	...	...	...	22,908

(Excluding visits to foster children.)

INFANT WELFARE CENTRES.

2,681 mothers made 20,611 attendances at the six Centres. The number of children under a year old brought to the Centres was 2,283, making 18,411 attendances; the number between 1-5 years old was 1,215, making 4,447 attendances.

DENTAL CLINIC.

Expectant and nursing mothers and children under 5 years are referred to the Dental Clinic from the Ante-natal Clinic and Infant Welfare Centres. 82.6% of the patients kept their appointments. During the year 1,276 attendances were made by 184 mothers and 346 children, on 153 sessions. A summary of the work done is :—

Mothers.—Fillings, 186; Extractions under N_2O , 51, under local anaesthetic 241; scalings, 439; other operations, 527; dentures: complete 47, partial 37, repairs 7.

Children. — Fillings, 121; extractions under N_2O , 71, under local anaesthetic 33; scalings, 90; other operations, 424.

Promotion of Cleanliness.—The Health Visitors note the condition of heads and bodies of children attending the Centres and, where necessary, advice is given. In visiting, this is also done and attention paid to the other pre-school children. Unsatisfactory houses receive special attention. Close liaison with the School Medical Department is maintained and lists of any children excluded from School are sent to the Health Visitors and the houses where there are pre-school children are visited. In severe cases of verminous infestation, pre-school children are treated at the School Clinic.

Care of Premature Infants.—Arrangements are now in force whereby the weight of all children born is entered on the notification of birth cards. Where the weight is $5\frac{1}{2}$ lbs. or under, special visits are made and, where necessary, premature babies can be admitted to the Maternity Wing of the Municipal Hospital for treatment. No differentiation is made between legitimate and illegitimate children.

Education.—Four lectures were given by the Infant Welfare Medical Officer to pupil midwives studying for Part I. of the Central Midwives Board Examination and ten lectures to pupil midwives studying for Part II. of the Central Midwives Board Examination. Each of the pupils studying for Part II. attended the Infant Welfare Centres on ten occasions.

Twelve pupils studying for the Health Visitors' Certificate attended for practical experience in the work of a Health Visitor.

The Health Visitors gave three lectures on the care and feeding of babies to the girls at the Margaret Hardy County Secondary School taking the housewifery course and twelve lectures to the girls at the Salvation Army Home.

OPHTHALMIA NEONATORUM.

Thirteen cases were notified, of which 8 were mild. Four cases were admitted to the Borough Sanatorium. In three cases the gonococcus was found. Vision was unimpaired in all cases.

PUBLIC HEALTH ACT, 1936, SECTION 187.

(Registration of Nursing Homes.)

The number of nursing homes on the register on 31st December, 1947, was as follows : Maternity Homes 4, other Homes 11, combined Maternity and other Homes 3.

All the occupied homes are visited during the year, and the 18 on the register contained 26 beds for maternity cases and 180 beds for other cases.

PUBLIC HEALTH ACT, 1936, PART VII.

(Child Life Protection.)

The visiting of foster-children under nine years of age is done by the Health Visitors.

Number of foster-mothers on 31st December, 1947	...	...	69
„ foster-children	„	„	127
Total visits paid during 1947	...	...	936

ADOPTION OF CHILDREN (REGULATION) ACT, 1939.

Twenty-five persons gave notice under Section 7 and were visited by Health Visitors during the year ; four children were under supervision at the end of the year.

CONTRACEPTIVE CLINIC.

New cases treated during 1947 belonging to Brighton :—

Sent by Municipal Chest Clinic	...	...	8
„ „ General Medical Practitioners and Hospitals	...	...	51
Total	...	...	59

In addition 59 new cases attended from districts outside Brighton.

Day Nursery—The Brighton Council maintains the Manor House Day Nursery, where there is accommodation for 12 children from 0 to 2 years and 24 from 2 to 5 years ; during the year the average daily attendance was 28.

Albion Hill Homes—Thirty expectant mothers were admitted during the year. The number of confinements in the home was 22 ; the average stay prior to confinement was $6\frac{1}{2}$ weeks ; after confinement $12\frac{1}{2}$ weeks. The cases are usually of persons who do not belong to Brighton.

VENEREAL DISEASE.

THE BRIGHTON V.D. TREATMENT CENTRE.

New Brighton Cases treated during 1947.

Syphilis.		Gon.		Soft Sore		Sy. and S.S.		Sy. and Gon.		Gon. and S.S.		Sy., G., S.S.		Conditions other than V.D.		Total of V.D. Cases.	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
35	26	103	30	1	1	—	—	6	7	—	—	—	—	205	129	145	64

Return relating to all persons who were treated at the Treatment Centre.

	Syphilis		Soft Chancre.		Gonorrhœa		Conditions other than venereal.	
	M.	F.	M.	F.	M.	F.	M.	F.
1. Number of cases on 1st January under treatment or observation	274	285	1	—	107	64	68	28
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection ...	9	7	—	—	9	4	—	—
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—								
Syphilis, primary	48	11	—	—	—	—	—	—
„ secondary	13	19	—	—	—	—	—	—
„ latent in 1st year of infection ...	10	18	—	—	—	—	—	—
„ all later stages	8	8	—	—	—	—	—	—
„ congenital	2	3	—	—	—	—	—	—
Soft Chancre	—	—	2	1	—	—	—	—
Gonorrhœa, 1st year of infection ...	—	—	—	—	196	57	—	—
„ later	—	—	—	—	5	4	—	—
Conditions other than venereal	—	—	—	—	—	—	388	228
Conditions remaining undiagnosed at 31st December	—	—	—	—	—	—	—	—
4. Number of cases dealt with for the first time during the year under report known to have received treatment at other Centres for the same infection	60	27	—	1	48	12	10	—
TOTALS OF ITEMS 1, 2, 3 AND 4 ...	424	378	3	2	365	141	466	256

Statement showing the services rendered at the Treatment Centre during the year, classified according to the areas in which the patients resided.

Name of County or County Borough.	Brighton.	East Sussex.	West Sussex.	Other Districts.	Total.
Number of cases in Item 3 from each area found to be suffering from :—					
Syphilis	74	54	11	1	140
Soft Chancre	2	1	—	—	3
Gonorrhœa	146	83	24	9	262
Conditions other than venereal	334	213	57	12	616
TOTAL	556	351	92	22	1021

DEFENCE (GENERAL) REGULATION 33B.

During the year 4 contacts were notified to the Medical Officer of Health on Form I. three of these contacts were females and one male.

No contacts were notified on more than one Form I. Two of these persons, one male and one female, were traced and attended the Treatment Centre for examination and treatment. The information given on the other two Forms I. was so inaccurate and insufficient that it was impossible to trace the persons concerned. Six visits were made to these patients by the Special Social Worker.

Fifty-five visits were made to 24 defaulters from the Treatment Centre with satisfactory results.

This Regulation expired on the 31st December, 1947, as the Minister considers further continuance of these powers cannot be justified.

SANITARY ADMINISTRATION.

SANITARY INSPECTION.

In the following tables the work of the Sanitary Inspectors is stated, as far as possible, in tabular form :—

Inspections for 1947.

<i>Nature of Inspections</i>	<i>Number</i>
Housing Act 1925, Regulations ...	1,087
Houses under the Public Health Act ...	13,775
Houses under the Housing Acts ...	12,915
Housing Department, applications	38
Sec. 60 P.H.A. 1936 (fire escapes)	36
Underground rooms ...	30
Houses let in lodgings ...	111
Cowsheds, milkshops and dairies	794
Ice cream premises ...	779
Stables ...	145
Butchers' shops ...	294
Abattoir for Meat Inspections ...	180
Food-preparing premises ...	859
Knackers yards and marine stores	51
Markets and cold stores ...	155
Hawkers' barrows ...	24
Bakehouses ...	228
Hotels, restaurants, and café kitchens	811
Offensive trades ...	47
Fish fryers' premises ...	118
Tents, vans, and sheds ...	98
Schools ...	134
Accumulations ...	157
Licensed premises ...	24
Urinals and public conveniences	240
Closets and cesspools ...	212
Sewers and street gullies ...	39
Drainage—defective ...	699
tested ...	53
Yards, courts and passages ...	191
Keeping animals and birds ...	251
Smoke abatement observations ...	32
Verminous premises ...	230
Rat-infested land and premises ...	120
Visits <i>re</i> infectious diseases ...	1,604
Disinfection of rooms ...	28
Water supply ...	264
Nursing homes ...	72
Interviews ...	1,613
Miscellaneous ...	2,167
Requisitioning ...	553
Rag Flock Acts ...	68
Pharmacy and Poisons Act ...	68
Sampling ...	1,327

The sanitary inspections enumerated in the preceding table have been followed by the serving of notices given in the next table. A large proportion of the work is done as a result of verbal recommendations or preliminary notices.

<i>Defects.</i>	<i>No. of Notices Served.</i>
To repair internal defects ...	1,535
To repair external defects ...	1,813
To provide new galvanized iron dustbins ...	673
To remedy drainage defects ...	419
To remedy other defects ...	313
Number of sewer defects made good ...	14
To remove accumulations ...	42
To cleanse rooms and contents ...	34
To discontinue keeping animals ...	9

LEGAL PROCEEDINGS.

A warrant for entry was obtained under Sec. 287 of the Public Health Act, 1936, to investigate complaints of animals being kept in such conditions as to cause a nuisance. As a result of the inspection the Magistrates made an order for the cleansing of the premises and the removal of the animals, under Sec. 94 of the Public Health Act, 1936.

A similar order was made in respect of another house in which the same conditions were found.

RATS AND MICE DESTRUCTION.

In accordance with directions from the Ministry of Food Infestation Control, the Department carried out Sewer Maintenance Treatments and the block control system was continued.

Survey visits	..	..	..	..	10,566
Number of primary visits	..	..	..	..	751
Total visits made for treatment	..	..	..	..	3,544
Total premises treated	..	..	..	..	543

VERMIN DISINFESTATION.

514 visits were made to verminous premises and 31 notices were served upon tenants who did not cleanse their premises after verbal warning from the Sanitary Inspector.

The department fumigated 153 rooms in 50 private houses, receiving £134 in fees from the owners.

WATER SUPPLY.

The water supply of the area continued to be satisfactory both in quality and in quantity, and bacteriological examinations of samples of raw water from each of the pumping stations were made every fortnight, with uniformly good results.

Information as to source of supply, etc., was given in the Annual Report for 1944.

HOUSING.

Number of Buildings completed during 1947:—

Private builders completed 183 dwellings (13 subsequently taken over by the Corporation) and converted 31 houses into 111 flats.

The Corporation completed 220 permanent and 116 temporary houses.

REQUISITIONING.

Number of requisitioned premises	..	..	268
Families accommodated	..	..	484
Number of persons rehoused	..	..	1,742

SLUM CLEARANCE PROGRESS.

		Total under Slum Clearance Programme.
Number of Unfit Houses in Clearance Areas demolished ...	2	1,006
Number of other Houses in Clearance Areas demolished ...	—	54
Number of Individual Unfit Houses demolished as a result of Statutory action	—	77
Number of Individual Unfit Houses demolished as a result of Informal action	—	81
Number of Individual Unfit Houses closed but not demolished	—	7
Number of Parts of Dwelling Houses closed	—	258
Number of Dwelling Houses rendered fit for human habitation as a result of Formal Notices	4	504
Number of Dwelling Houses rendered fit for human habitation as a result of Informal Notices	43	1,463
Number of Persons displaced from Individual Unfit Houses ...	—	542
Number of Persons displaced from Houses in Clearance Areas ...	—	4,548
Number of Persons displaced from parts of Buildings closed ...	—	49

THE LOCAL ADMINISTRATION OF ACTS RELATING TO SHOPS, FACORIES, WORKPLACES, BAKEHOUSES, AND OUTWORKERS.

Factories Act, 1937.

VISITS AND INSPECTIONS.

Factories	1,401
Workplaces	394
Outworkers	113

NOTICES SERVED.

Want of cleanliness (Sec. 1)	52
Unreasonable temperature (Sec. 3)	2
Inadequate ventilation (Sec. 4)	16
Insufficient sanitary conveniences (Sec. 7)	6
Unsuitable or defective sanitary conveniences	33
Sanitary conveniences not separate for sexes	5

SHOPS ACTS.

Visits and inspections	10,413
Warnings served in respect of non-compliance with the various Shops Acts	1,857

Petitions.

Four applications were received from persons of the Jewish religion who made statutory declarations for the purpose of trading under the provisions of Section 7 of the Shops Act, 1936.

Two Orders were made under Section 5 of the Shops Act, 1928, in respect of exhibitions held in the Dome and Corn Exchange.

There were 4,095 shops on the register classified for the purpose of the Shops Acts, as follows :

Wearing apparel	552
Provisions	1,016
Refreshments	813
Furniture	450
Others	740
Departmental Stores	20
Mixed shop—confectionery and tobacco	504
	<hr/>
TOTAL ..	4,095
	<hr/>
Unoccupied shops	90

LEGAL PROCEEDINGS.

Proceedings were instituted under the Shops Act, 1912 against two shopkeepers for failing to close their shops on weekly half-holiday ; each was fined £1. Three shopkeepers were fined—two £2 each and one £3— for failing to close shops at the times stated in Section 1 and 2 of the Shops (Hours of Closing) Act, 1928. For failing to close his shop on a Sunday in accordance with the Shops (Sunday Trading Restriction) Act, 1936, one shopkeeper was fined £5.

THEATRES AND CINEMAS.

146 visits were made to places of public entertainment during the year.

FOOD.

FOOD AND DRUGS ACT, 1938.

Milk.

Samples analysed : Formal 79, Informal 180.

Number of samples reported not genuine, 47 ; of these 24 were deficient in fat, 15 were deficient in solids not fat, and 8 were deficient both in fat and in solids not fat.

All samples of milk were tested for preservatives and artificial colouring matter, with negative results.

In every case where a sample was reported as not genuine, letters were sent to the dairyman concerned, farms and dairies were visited, and advice given on methods of bulking and milking times. Assistance was obtained from County Agricultural Committees.

The abnormal number of milk samples which have fallen short of the legal standards appear to be largely due to feeding deficiencies. This is borne out by the fact that “appeal to the cow” samples taken in consequence of unsatisfactory formal milk samples have given equally unsatisfactory results. The County Milk Advisory Officer, to whom the matter was referred, stated : “I am having similar results throughout the County. The Nutrition Chemist at Wye is investigating a number of cases and is endeavouring to find a solution. The trouble can be laid down to poor feed, poor pastures, and insufficient protein.”

Legal proceedings were instituted in respect of 3 samples of milk reported as being deficient in fat. The defendant was found guilty on three counts and fined £3, with £3/3/- costs.

Samples of Food other than Milk.

Number of samples analysed, 147.

The samples were as follows :—

Cocktail (wine)	2	Gelatine	1
Meat	1	Drugs and patent medicines ..	13
Ice Cream	81	Spirits	9
Cake flour	2	Soup	2
Pudding mix	1	Junket	1
Ground ginger	1	Flavouring matter	5
Barley kernels	2	Pepper	2
Fish paste	2	Cooking fat	2
Beef sausages	1	Baking powder	1
Liver sausage	2	Med. liquid paraffin	5
Vinegar	8	Glycerine	1
Fruit drinks	2		

Of the foregoing, 6 samples were found to be unsatisfactory.

One informal sample of whisky, brought to the office by the purchaser, was found to be only 95·4% genuine whisky. Subsequent formal samples were reported as genuine.

Five samples of pure medicinal liquid paraffin were reported as being “more of the nature of light liquid paraffin”. Legal proceedings were instituted against the wholesale merchants and the defendants were found guilty. A fine of £5 was imposed for selling goods “not of the nature, substance and quality demanded” and a further fine of £5 for using misleading labels. Costs of £4 4s. 0d. were also granted against the firm.

FERTILIZERS AND FEEDING STUFFS ACT.

Two samples of unrationed feeding stuffs were submitted for analysis under the above-mentioned Act. The result in each case was satisfactory.

SAMPLES OF FOOD SUBMITTED TO BACTERIOLOGICAL EXAMINATION.

Nature of Article	Number Examined	Found Satisfactory	Found Unsatisfactory	Remarks
Tuberculin Tested Milk	73	64	9	9 samples failed Methylene Blue test.
Pasteurized Milk ...	115	108	7	2 samples failed Methylene Blue test. 4 samples failed Meth. Blue and B. Coli tests. 1 sample failed Phosphatase test.
Accredited Milk ...	18	17	1	1 sample failed Meth. Blue test.
Non-graded Milk ...	55	34	21	21 samples reported as "unsatisfactory" because they failed to reach "accredited"
Sterilized Milk ...	1	1	—	
Heat-Treated Milk ...	78	72	6	1 sample failed Meth. Blue test. 5 samples failed Phosphatase test.
Dehydrated Beef ...	1	1	—	On complaint of gastric disturbances.
Dried Milk ...	1	—	1	B. Coli profuse.
Haslett (prepared meat)	1	—	1	Sample taken on report of food poisoning. Heavy growth of Staph. Aureus found. Consignment condemned as unfit for human consumption.
Ice Cream ...	106	73	33	Satisfactory samples consisted of 65 Grade I. and 8 Grade II. Unsatisfactory samples consisted of 14 Grade III. and 19 Grade IV.
Rinses (Ringer's Solution) from Ice Cream Plants.	16	10	6	Check rinses to trace source of contamination of unsatisfactory ice cream samples.

Close liaison has been maintained with the officials of sanitary authorities in whose districts milk is produced and sent to dairies in this Borough. Results of unsatisfactory milk samples, from supplies produced in their districts, have been forwarded, with requests for attention to methods of milk production.

All dairies within the Borough have been subject to regular routine inspections and advisory visits by the Sanitary Inspectors. The particular attention which has been paid to pasteurizing plants, equipment and recording thermometers is reflected in the results of the examination of pasteurized milk samples.

EXAMINATION OF MILK FOR TUBERCLE BACILLI.

Forty-eight samples of milk were submitted for biological examination. Five of the guinea pigs inoculated showed typical tuberculous lesions on post-mortem examination. The County Veterinary Officer and the farmers concerned were notified and the affected cows located. All the samples were examined for *Brucella Abortus*, with negative results.

ANIMALS SLAUGHTERED AT BRIGHTON ABATTOIR, 1947.

For the Ministry of Food.

Beasts, 9,517 ; Calves, 7,249 ; Sheep, 16,599 ; Pigs, 307.

For Private Individuals.

Calves, 1 ; Sheep, 3 ; Goats, 6 ; Pigs, 129.

MEAT AND ORGANS CONDEMNED ON POST-MORTEM EXAMINATION.

	BEASTS		CALVES		SHEEP		PIGS	
	Number	Percentage of Number Inspected	Number	Percentage of Number Inspected	Number	Percentage of Number Inspected	Number	Percentage of Number Inspected
<i>For Tuberculosis.</i>								
Whole carcasses	219	2.30	19	.26	—	—	3	.68
Parts of carcasses or organs ...	6,694		30		—		20	
<i>For Diseases other than Tuberculosis.</i>								
Whole carcasses	25	.26	14	.19	28	.16	1	.22
Parts of carcasses or organs ...	1,996		24		1,164		35	

Where part only of a liver was condemned, as for example in a large number of livers affected with fluke, those are not included in the above table.

Where any organ or part was condemned for a disease other than tubercle, but tubercle was present in some other organ or part, such condemnation is included in the tubercle portion of the above table, and not in the latter part of the table.

FOODSTUFFS SURRENDERED FROM MARKETS AND SHOPS FOR CONDEMNATION.

Fish : Wet fish ...	stone	3190	Crumpets ...	...	198
Dried Fish ...	..	2093½	Haslett (prepared meat) ...	lbs.	14
Shell Fish ...	..	455½	Beef, imported ...	lbs.	2412
Jam ...	lbs.	577	Butter ...	..	35½
Milk ...	tins	4247	Chestnuts ...	..	676
Stewed steak ...	..	2516	Marrowfat peas ...	..	150
Pilchards and tinned fish ...	..	1114	Fruit ...	bottles	11
Sugar ...	lbs.	160	Spaghetti ...	lbs.	252
Biscuits ...	..	218½	Pearl barley ...	cwts.	3½
Sausage meat ...	..	279	Jelly crystals ...	lbs.	902
Roes ...	..	19	Cod liver oil and malt ...	..	107
Confectionery ...	..	168½	Fruit, dried ...	..	380
Potatoes ...	cwts.	3¾	Rolled oats ...	..	319
Vegetables (tinned) ...	lbs.	2647½	Oranges ...	..	700
Fish paste ...	jars	190	Cheese ...	..	823
Pickles ...	..	4788	Flour ...	..	382
Bacon ...	lbs.	142¾	Dried egg ...	pkts.	43
Soups ...	tins	496	Mustard ...	..	243
Corn flakes ...	lbs.	102	Vinegar ...	pints	10½
Fruit (tinned) ...	lbs.	680½	Yeast ...	lbs.	69
Pudding mixture ...	lbs.	1464	Frozen eggs ...	..	40
Pancakes ...	..	100	Tea ...	..	1½
Fish cakes ...	lbs.	874	Chickens ...	..	359

(Foodstuffs condemned are dealt with in a plant provided by the Brighton Corporation for manufacturing animal feeding stuffs.)

DISEASES OF ANIMALS ACTS.

Two cases of Swine Fever and two cases of Anthrax in the Borough were reported to the Ministry of Agriculture and Fisheries, but the diseases were not confirmed.

Seven cases of Fowl Pest were confirmed.

INFANT MORTALITY, 1947—*Nett Deaths from stated causes at various ages under One Year of Age.*

CAUSE OF DEATH	Under 1 Week		1-2 Weeks		2-3 Weeks		3-4 Weeks		Total under 4 Weeks		1-2 Months		2-3 Months		3-4 Months		4-5 Months		5-6 Months		6-7 Months		7-8 Months		8-9 Months		9-10 Months		10-11 Months		11-12 Months		Total Deaths under one Year
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
Diseases due to Viruses ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Diseases of the Thymus ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Diseases of the Adrenal Glands ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Meningitis (non-meningococcal) ...	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Diseases of the Organs of Vision ...	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Diseases of the Ear and of the Mastoid Antrum ...	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	7	
Bronchitis ...	-	-	-	-	-	-	-	-	-	-	-	-	2	3	2	1	1	-	-	-	-	-	2	1	-	2	-	1	-	-	-	1	18
Broncho-pneumonia ...	-	-	1	-	-	-	-	-	1	-	5	4	2	2	4	4	3	1	3	2	-	2	1	2	-	-	3	-	-	-	-	42	
Enteritis and Diarrhoea ...	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Peritonitis without stated cause ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Congenital Malformations ...	7	4	-	-	3	-	-	-	10	4	1	-	4	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	23
Congenital Debility ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
Premature Birth ...	18	6	1	1	1	1	1	1	21	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	
Injury at Birth ...	6	1	-	-	-	-	-	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	
Other diseases peculiar to the first year of life ...	9	1	1	1	-	-	-	-	10	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
Accidental burns (conflagration excepted) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
Accidental mechanical suffocation ...	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
TOTALS ...	40	12	4	2	6	2	1	-	51	16	10	5	6	7	8	9	6	3	5	4	1	2	3	3	3	2	4	-	1	-	2	2	153



Annual Report

ON THE

Medical Inspection & Treatment

OF

SCHOOL CHILDREN

OF THE

County Borough of Brighton

FOR THE YEAR 1947.

RUTHERFORD CRAMB, M.B., Ch.B., D.P.H.,
School Medical Officer,

AND

JOHN N. MATTHEWS, L.R.C.P., M.R.C.S., D.P.H.,
Senior Medical Officer.

BRIGHTON :
PELL (BRIGHTON) LTD., 105 CHURCH STREET.—(82868)

SCHOOL CLINIC,
SUSSEX STREET,
BRIGHTON 7.

June, 1948.

TO THE CHAIRMAN AND MEMBERS OF THE CHILDREN'S CARE SUB-COMMITTEE.

LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the work of the School Medical Department for the year ending December 31st, 1947.

The health of the pupils, in a general review, was satisfactory, and the standard of nutrition well maintained : over a million and a half dinners were supplied from the School Meals Service. The fall in the number of scabies and of verminous cases was maintained.

The incidence of the more severe infectious diseases—except in the case of Acute Poliomyelitis (infantile paralysis)—was low, diphtheria cases being less than half the number in the previous year. No deaths in school children were recorded for either diphtheria, measles, whooping cough, or scarlet fever.

With regard to Acute Poliomyelitis, twelve cases were notified in children of school age, compared with one case in 1946. No deaths occurred, and 2 were discharged from hospital with complete recovery—4 with slight paralysis, and 3 with severe paralysis : 3 cases "aborted".

The valuable work of the Orthopaedic Clinic, the Child Guidance Clinic, and the Speech Therapy Clinic was continued, and again there was a good response to dental treatment, 84% of children requiring treatment being actually treated.

I desire to express my thanks to the Senior Medical Officer, the Senior Dental Officer and their staffs for the data given for this Report : also to the School Nurses for their valuable work. To the Teachers a cordial tribute must also be extended for their unremitting co-operation.

I am,

Yours obediently,

RUTHERFORD CRAMB,

School Medical Officer.

SCHOOL HEALTH SERVICE STAFF.

MEDICAL OFFICERS.

RUTHERFORD CRAMB, M.B., Ch.B. (Glas.), D.P.H., School Medical Officer.
 J. N. MATTHEWS, L.R.C.P. (Lond.), M.R.C.S. (Eng.), D.P.H., Senior Medical Officer.
 I. M. G. BISSET, M.B., Ch.B. (Aberd.), Assistant Medical Officer.
 JANET CAMERON, L.R.C.P. (Lond.), M.R.C.S. (Eng.), D.C.H., Asst. Medical Officer.
 J. A. CHOLMELEY, F.R.C.S. (Eng.), Orthopaedic Surgeon.

DENTAL OFFICERS.

D. MACKAY, L.D.S. St. And. (Dund.), Senior Dental Surgeon (to 24/12/47).
 P. J. KEANE, L.D.S., R.C.S. (Ire.), Assistant Dental Surgeon.
 R. H. THOSEBY, L.D.S., R.C.S. (Eng.), „ „ „
 B. A. RILOT, L.D.S., R.C.S. (Eng.) „ „ „

CHILD GUIDANCE CLINIC.

W. MCCARTAN, M.D. (Belf.), M.R.C.P., D.P.H., D.P.M., Psychiatrist.
 A. J. GALBRAITH, M.D., D.P.M., Psychiatrist.
 HUGH MILLER, M.B., Ch.B., D.P.M., Psychotherapist (from 9/5/47).
 MISS D. HAMMOND, B.Sc., Educational Psychologist.
 MISS M. WRIGHT, M.A. (Cantab.), Psychiatric Social Worker.

SPEECH CLINIC

MISS D. ANDREWARTHA, L.C.S.T., R.M.A., Speech Therapist (to August 1947).
 MRS. GUNN, A.R.C.A., Play Therapist.

ORTHOPAEDIC PHYSIO-THERAPIST.

MISS J. M. GOLDSMITH, M.C.S.P.

SCHOOL NURSES.

MISS K. O'BRIEN	MISS V. M. BURR
MISS M. A. MUNDY (to 18/10/47)	MRS. E. BARNETT (part-time)
MRS. M. PARKER	MISS E. M. LEWIS (from 29/9/47)

CLERICAL STAFF.

MR. F. N. WRIGHT	MISS P. DAVIS
MISS V. I. NANSCAWEN	MISS E. REITHMILLER

GENERAL STATEMENT.

The Medical Staff throughout the year consisted of the Senior Medical Officer and two Assistant Medical Officers.

The carrying out of the duties imposed by the requirements of the Handicapped Pupils Regulations added considerably to the work. The fullest co-operation was maintained with local Hospitals, and the valuable services of the consultant physicians and surgeons were greatly appreciated.

At the Royal Sussex County Hospital, a Consultant Physician devoted one weekly session to heart cases referred from the Clinic, and carried out complete cardiological investigations on those children thought to be suffering from heart disease.

Attendance.

During the year ended at Midsummer 1947, the average number of Primary and Secondary School Children on the registers was 16,339 (15,894), and the average attendance was 14,361.

Medical Inspection.

Routine medical inspection was carried out under the scheme laid down by the Ministry of Education. The groups inspected were as follows :

(a) Children inspected as soon as possible after the date of admission to a maintained school for the first time ..	1,911
(b) Children inspected during the last year of their attendance at a maintained Primary school	1,371
(c) Children inspected during the last year of their attendance at a maintained Secondary school	1,364
Others	564
	5,210

The percentage of children requiring treatment was : Group (a), 8.5% ; Group (b), 4.7% ; Group (c), 5.1% ; others, 3.1%. 245 new cases of defective vision were found at the routine medical inspection.

Number of Attendances at Clinics.

At Central School Clinic ...	33,252	(30,947)	made by	10,194	(10,337)	children.
At Moulsecoomb Branch Clinic	602	(719)	.. ..	372	(294)	..
At Whitehawk Branch Clinic	685	(819)	.. ..	563	(547)	..
At Patcham Branch Clinic ...	324	(429)	.. ..	248	(205)	..

72 children living at Rottingdean were treated by the Queen's Nurses.

(Figures in brackets here and throughout the Report are corresponding figures for 1946).

Other Particulars.

Special inspections at Clinic and Schools by Medical Staff	3,726	(3,212)
Reinspections at Clinic and Schools by Medical Staff ..	9,916	(1,799)
Attendance of parents at inspections	1,548	(1,748)
Refusals of medical inspection	19	(17)
Visits to School Departments by School Nurses ..	321	(404)
Cleanliness examinations of children in school by Nurses	56,941	(61,881)
Home Visits by Nurses	207	(276)

MEDICAL TREATMENT.

Defect.	No. of Children Treated.	Re-examinations.	Total Attendances.	Discharged.
Visual	416 (481)	471 (407)	887 (889)	—
External Eye	354 (310)	493 (561)	847 (871)	212 (179)
Ear	484 (605)	1,346 (1,274)	1,830 (1,879)	313 (325)
Skin	3,650 (3,697)	11,303 (11,936)	17,653 (15,633)	2,373 (2,290)
Orthopaedic	546 (546)	6,916 (5,717)	7,462 (6,263)	107 (39)
Speech	27 (123)	723 (2,114)	750 (2,237)	4 (57)

Tonsil and Adenoid Operations.

196 children were operated on at the Municipal Hospital. Most of these children after operation attended at the Orthopaedic Department for breathing exercises. Operative treatment ceased at the end of July as at the time there were cases of Infantile Paralysis.

Visual Defects.

The Senior Medical Officer continued to undertake the retinoscopies, 416 (481) being performed : spectacles were prescribed for 352, and by the end of the year 297 (343) were obtained. 209 (118) cases of squint were seen at the Sussex Eye Hospital. 35 (18) were admitted and operated on. Most of these children had orthoptic treatment.

Heart Clinic.

In April a special clinic was opened for Brighton school children at the Royal Sussex County Hospital and 80 children were fully investigated by the Honorary Physician. One case of patent ductus arteriosus was operated on at the London Hospital with dramatically good results.

Plastic Surgery.

Five cases were referred to the Plastic Surgery Unit of the Queen Victoria Hospital, East Grinstead. The results of treatment were entirely satisfactory.

Skin Conditions.

Scabies cases numbered 233, shewing a decrease of 162 on the previous year. Energetic efforts were made to reduce the incidence of scabies by searching for cases and contacts and instituting carefully supervised treatment. The present position is not unsatisfactory when it is recalled that there were 645 cases during 1943.

Certain cases of skin diseases were referred to the Royal Alexandra Hospital for Sick Children. The Ministry of Education gave approval to the arrangements for X-ray treatment of ringworm.

Plantar Warts.

23 cases were referred for Hospital treatment.

Pediculosis.

The School Nurses made an average attendance of 5.5 visits to each school, and made 56,941 examinations. 1,098 children were found to be verminous. This shews a decrease of 656 on last year's figure of 1,754. The use of D.D.T. emulsion was continued.

Handicapped Pupils.

Regulations in 1945 laid down the categories of Handicapped Pupils, and it is an obligation on the Local Authority to provide facilities for their ascertainment from the age of two years.

The following shews the number of Handicapped Pupils in the various categories on the Register at the end of the year :

(a) Blind Pupils	..	..	..	1
(b) Partially-sighted Pupils	..	..	..	19
(c) Deaf Pupils	..	..	..	4
(d) Partially Deaf Pupils	..	..	..	14
(e) Delicate Pupils	..	..	..	102
(f) Diabetic Pupils	..	..	..	2
(g) Educationally Sub-normal	..	..	..	236
(h) Epileptic Pupils	..	..	..	3
(i) Maladjusted Pupils	..	..	..	220
(j) Physically Handicapped Pupils	..	..	..	43
(k) Pupils suffering from Speech Defects	..	..	..	79

Educationally Sub-normal Pupils.

216 children were examined by the Educational Psychologist. After medical examination 90 children were formerly ascertained; 7 were recommended for admission to Residential Special Schools, 25 were recommended for admission to the Day Special School, and 1 child was recommended for boarding-out. 40 children were found to require special educational treatment in their own schools. The names of 8 children were notified to the Mental Deficiency Acts Committee. It is almost impossible to secure vacancies in Residential Special Schools for children in this category.

Hollingdean Day Special School for Educationally Sub-normal Pupils.

25 children were admitted to the School and 21 children left. An additional class increased the accommodation to 80, but more places will be needed as ascertainment becomes more complete.

Maladjusted Pupils

124 new cases were examined by the Psychiatrist. 14 children, of whom 10 were new cases, attended the Play-Therapy clinic. There is still much difficulty in obtaining vacancies in residential schools for maladjusted pupils.

Speech Clinic.

Miss Andrewartha resigned in August, and it was not possible to appoint a successor for the remainder of the year. The following figures cover a period of seven months.

Number of new cases	..	..	..	27
Total number of cases attending	..	..	..	77
Total number of attendances	..	..	..	750
Number of cases discharged	..	..	..	4

TYPES OF CASES

Deafness	..	..	..	2
Dyslalia (faulty articulation)	..	..	..	34
Stammering	..	..	..	24
Cleft palate	..	..	..	7
Dysphonia (partial loss of voice)	..	..	..	2
Sigmatism (lisp)	..	..	..	7
Dysarthria (faulty articulation due to injury or nervous disease)	..	..	..	1

Orthopaedic Treatment.

The visiting Surgeon examined 132 new cases during the year of whom 91 were school children, 33 were referred from the Infant Welfare Department, and 8 were from the Tuberculosis Department.

Orthopaedic Clinic.

Number of children treated	546
Number of attendances (school cases) ..	6,916
Total number of attendances (all departments) ..	7,462
Number discharged	107
Number of Surgeon's Clinics	12

During the year 20 children underwent in-patient treatment, 15 of these at Stanmore and 5 at the Municipal Hospital.

Breathing Exercises after the Removal of Tonsils and Adenoids.

Number of patients attended	108
Number of attendances made	136

Swimming Bath Exercises

The St. Luke's Swimming Bath was again used for certain children for whom appropriate exercises were prescribed. The services of students at the Municipal Training College were much appreciated.

Number of sessions	26
Number of patients attended	59
Number of attendances	393

Number of Children maintained in Special Schools on 31st December, 1947.

Anerley Deaf School	1
Miss Taylor's School for Deaf Children	2
Brighton School for Deaf and Dumb, Wivelsfield	5
Barclay Home for Partially Sighted Girls	4
Lingfield Colony for Epileptics	2
Brighton School for Partially Sighted Boys	3
Heritage Craft School, Chailey	2
Victoria Home for Invalid Children, Margate	1
St. John's Open-Air School, Woodford Bridge	4
St. Vincent's Open-Air School, St. Leonard's	5
Surgical Home for Boys, Banstead	3
Besford Court School, Worcester	2
St. Dominic's Open-Air School, Godalming	6
Field Heath House Roman Catholic School, Hillingdon	1
North Devon Children's Convalescent Home School, Lynton	8
St. Patrick's Open-Air School, Hayling Island	4
Port Regis Open-Air School, Broadstairs	5
Zachary Merton Convalescent Home, Barnet	1
St. John's Home of Recovery, Brighton	1
Dedisham Nursery School, Slinfold, Sussex	1
East Anglican School for Blind and Deaf, Gorleston	1
St. Catherine's, Ventnor	4
Lancing Heart Home, Lancing	1
St. Gabriel's Open-Air School, Westgate	2
Ogilvie School of Recovery, Clacton-on-Sea	1
Chaigley School, Thelwall	1

Charlton House, Shaftesbury	..	..	..	1
Oak Bank Open Air School, Sevenoaks	..	..	..	4
Church Army Lads' Sanatorium, Heath End, Farnham	..	..	..	1
Hutton Diabetic Unit, Hutton	..	..	..	2
St. Joseph's, Bigod Hall	..	..	..	1
Moor House Speech Clinic, Oxted, Surrey	..	..	..	2
Royal School for Deaf and Dumb, Margate	..	..	..	2
Hollins Home, Hampsthwaite	..	..	..	1
Chorley Wood College for Blind Girls	..	..	..	1
Downs Hospital School, Sutton, Surrey	..	..	..	1

Employment of Children.

239 children were examined before being licensed for part-time employment. Most of these children were employed in newspaper delivery.

Juvenile Employment.

Many Handicapped Pupils may be registered as Disabled Persons under the provisions of the Disabled Persons (Employment) Act, 1945, and information was passed to the Juvenile Employment Officer in appropriate instances.

NUTRITION.

Provision of Meals.

In September 1947 two new self-contained canteens were opened, one at Patcham and one at Whitehawk, each with a capacity of 600 meals daily.

Total Number of Meals supplied during 1947 as compared with 1946.

	1947	1946
Loder Road Central Kitchen	428,435	413,298
Moulsecoomb Central Kitchen	367,935	338,778
Valley Drive Central Kitchen	244,656	169,394
Moulsecoomb School Canteen	136,262	102,288
Whitehawk J.M. School Canteen	115,897	103,681
Whitehawk Infants' Canteen	9,745	
Patcham School Canteen	34,309	from Loder Road
Sussex Street School Canteen	19,744	6,451
St. Mark's School Canteen	33,829	8,135
Varndean Boys' School Canteen	89,378	64,433
Varndean Girls' School Canteen	86,556	81,131
TOTAL	1,566,746	1,287,589

Number of Children receiving dinners and milk at different periods during the year.

	Month	Dinners	Milk
March	6,439	13,890
June	6,977	14,221
October	7,736	14,370

INFECTIOUS DISEASES

Acute Poliomyelitis (Infantile Paralysis).

Twelve cases of this disease were notified during the year, 7 boys and 5 girls. The first case was notified in February : there were no further cases till June, 1 case ; then there was 1 in July, 3 in August, 1 in September, 2 in October, 1 in November, and 2 in December. Four of the cases were in the age group 5-10 and 8 in the group 10-15.

Of the 12 cases, three "aborted", in 2 there was complete recovery, in 4 slight paralysis, and in 3 severe paralysis ensued.

Diphtheria.

20 cases in school children were notified, no deaths occurred, and the type was generally mild. Of these 16 had been immunized but two did not complete the immunization. Six of the cases in immunized children occurred in a private school and in some cases the immunization had been done many years ago, in one case 10 years had elapsed, in another 6 years, in another 4 years.

In 1946 the number of school cases was 47, with 1 death.

The number of scarlet fever cases was 189 (79), measles 507 (169), whooping cough 49 (189). No deaths occurred in any of these conditions.

There were no closures of schools or school departments.

Immunization.

119 children were immunized in the schools, and 1,681 received reinforcing treatment.

DENTAL REPORT FOR THE YEAR 1947.

Mr. D. Mackay, the Senior Dental Officer, reports as follows :

The work of the department was carried out by four dental surgeons and four dental attendants.

The members of the staff were employed for seven-eighths of their time on the inspection and treatment of school children ; the remaining eighth was devoted to work under the direction of the Health Committee.

9,872 (7,384) children were examined at the routine inspections and 6,208 (63%) were found to require treatment. The total number of children treated during the year was 6,046 (5,573), and 13,851 attendances (13,074) were made by these children for treatment.

The parents of 86 per cent. of the children found to have defective teeth at the routine inspections accepted the offer of treatment ; 84 per cent. of these children actually received treatment.

During the year 159 cases of irregularity of the teeth were treated by extraction : 50 temporary and 204 permanent teeth were removed for this reason. In addition, 31 deformities requiring the use of apparatus were treated and 35 appliances were fitted to correct the irregular teeth of these patients.

Other operations in the statistical table (Table IV.) include the following procedures : simple dressings, scalings, gum treatment, regional and intra-alveolar injections, metal and acrylic inlays, extirpation of pulps, treatment and filling of root canals, silver nitrate treatment, and orthodontic adjustments.

Grateful acknowledgment is made once again to the members of the teaching profession for their valuable co-operation.

The statistical table is set out on page 14.

TABLE 1

A.—Periodic Medical Inspections.

Number of Inspections in the prescribed Groups :

Entrants	...	...	...	...	...	...	...	1,911
Second Age Group	...	...	...	...	...	...	...	1,371
Third Age Group	...	...	...	...	...	...	...	1,364
						TOTAL	...	4,646
<hr/>								
Number of other Periodic Inspections	...	...	...	...	...	...	...	564
						GRAND TOTAL	...	5,210
<hr/>								

B.—Other Inspections.

Number of Special Inspections	...	...	...	...	...	3,726
Number of Re-inspections	...	...	...	...	...	9,916
						<hr/>
			TOTAL	...	...	13,642

C.—Pupils Found to Require Treatment.

Number of Individual Pupils Found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin).

Group	For defective vision (excluding squint)	For any of the other conditions recorded in Table 2A	Total individual pupils
(1)	(2)	(3)	(4)
Entrants ...	27	417	444
Second Age Group ...	100	146	246
Third Age Group ...	93	175	268
Total (prescribed groups) ...	220	738	958
Other Periodic Inspections ...	25	209	234
	<hr/>	<hr/>	<hr/>
GRAND TOTAL ...	245	947	1,192
	<hr/>	<hr/>	<hr/>

TABLE 2

*A.—Return of Defects found by Medical Inspection in the year ended
31st December, 1947.*

Defect Code No.	Defect or Disease	Periodic Inspections		Special Inspections	
		No. of Defects		No. of Defects	
		Requiring treatment	Requiring to be kept under Observation, but not re- quiring treatment	Requiring treatment	Requiring to be kept under obser- vation but not requiring treatment
	(1)	(2)	(3)	(4)	(5)
4	Skin	36	6	—	—
5	Eyes :				
	(a) Vision	212	44	183	17
	(b) Squint	61	7	146	—
	(c) Other	47	3	119	11
6	Ears :				
	(a) Hearing	12	3	7	—
	(b) Otitis Media	10	2	—	—
	(c) Other	6	2	—	—
7	Nose or Throat	318	220	287	52
8	Speech	29	1	38	—
9	Cervical Glands	5	8	22	4
10	Heart and Circulation	49	35	41	15
11	Lungs	63	35	106	22
12	Developmental :				
	(a) Hernia	8	3	1	—
	(b) Other	—	1	1	—
13	Orthopaedic :				
	(a) Posture	109	38	23	—
	(b) Flat Foot	31	7	25	—
	(c) Other	95	34	83	5
14	Nervous System :				
	(a) Epilepsy	3	7	3	—
	(b) Other	2	2	52	17
15	Psychological :				
	(a) Development	2	19	63	6
	(b) Stability	3	1	15	2
16	Other	36	74	372	163

*B.—Classification of the General Condition of Pupils inspected
during the year in the Age Groups.*

Age Groups	Number of Pupils Inspected	A. (Good)		B. (Fair)		C. (Poor)		O. (Obesity)	
		No.	% of Col 2	No.	% of Col 2	No.	% of Col 2	No.	% of Col 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Entrants	1,911	497	26.0	1,323	1.44	89	4.6	2	.19
Second Age Group	1,371	447	32.6	784	57.7	136	9.8	4	.2
Third Age Group	1,364	580	42.4	656	48.0	112	8.2	16	.2
Other Periodic Inspections ...	564	173	30.6	330	67.3	54	9.5	7	1.2
TOTAL ...	5,210	1,697	32.5	3,093	59.3	391	7.5	29	0.5

TABLE 3

Group 1.—Minor Ailments

(Excluding Uncleanliness, for which see Table 5)

						Number of Defects treated or under treatment during the year
<i>(a)</i>						
Skin :						
Ringworm-Scalp						
(1) X-ray treatment. If none, indicate by dash	...	...	...	...	...	—
(2) Other treatment	...	...	...	...	...	9
Ringworm : Body	...	...	...	...	...	21
Scabies	...	...	...	...	...	233
Impetigo	...	...	...	...	...	334
Other Skin Diseases	...	...	...	...	...	1,280
Eye Diseases (External and other, but excluding errors of refraction, squint, and cases admitted to hospital)	...	...	...	...	...	405
Ear Defects	...	...	...	...	...	519
Miscellaneous (e.g. Minor injuries, bruises, sores, chilblains, etc.)	...	...	...	...	...	2,213
TOTAL						5,014
<i>(b)</i> Total number of attendances at Authority's minor ailments clinics						13,038

Group 2.—Defective Vision and Squint

						Number of Defects dealt with
ERRORS OF REFRACTION (including squint)						572
Other defect or disease of the eyes (excluding those recorded in Group 1)						—
TOTAL						572
Number of Pupils for whom spectacles were :						
(a) Prescribed	...	...	...	...	...	508
(b) Obtained	...	...	...	...	...	453

Group 3.—Treatment of Defects of Nose and Throat

						Total Number Treated
Received operative treatment :						
(a) For adenoids and chronic tonsillitis	...	...	...	...	...	196
(b) For other nose and throat conditions	...	...	...	...	...	—
Received other forms of treatment	...	...	...	...	...	19
TOTAL						215

Group 4.—Orthopaedic and Postural Defects

(a) Number treated as in-patients in hospitals or hospital schools	...	20
(b) Number treated otherwise, e.g. in clinics or out-patient departments	...	546

Group 5.—Child Guidance Treatment and Speech Therapy

Number of pupils treated :						
(a) Under Child Guidance arrangements	...	...	...	...	...	220
(b) Under Speech Therapy	...	...	...	...	...	27

TABLE 4

DENTAL INSPECTION AND TREATMENT

(1) Number of pupils inspected by the Authority's Dental Officers :								
(a) Periodic age groups	9,872
(b) Specials	1,531
(c) TOTAL (Periodic and Specials)	11,403
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(2) Number found to require treatment	7,739
(3) Number actually treated	6,046
(4) Attendances made by pupils for treatment	13,851
(5) Half-days devoted to : (a) Inspection	66
(b) Treatment	1,691
TOTAL (a) and (b)	1,757
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(6) Fillings : Permanent Teeth	7,954
Temporary Teeth	438
TOTAL	8,392
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(7) Extractions : Permanent Teeth	1,181
Temporary Teeth	8,841
TOTAL	10,022
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(8) Administrations of general anaesthetics for extraction	1,040
(9) Other Operations : (a) Permanent Teeth	3,136
(b) Temporary Teeth	...	...	...	...	...	...	...	813
TOTAL (a) and (b)	...	...	...	...	...	...	...	3,949

TABLE 5

INFESTATION WITH VERMIN

(1) Total number of examinations in the schools by the school nurses or other authorized persons	...	...	...	...	56,941
(2) Total number of individual pupils found to be infested	...	...	...	...	1,098
(3) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	...	...	...	...	nil
(4) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	...	...	...	...	nil